

HLC-1520A

- › Delivering high current pulses
- › Up to 25 years lifetime and more
- › Wide operating temperature range
- › Low self discharge

Performance Data

(Typical values in *PulsesPlus™* batteries stored at +25 °C)

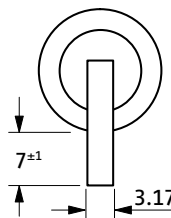
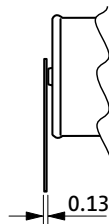
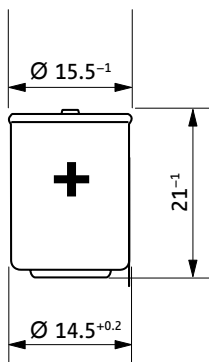
System	Lithium Intercalated Compounds
Nominal voltage	3.7 V
Nominal capacity	140 As (39 mAh) @ 3.7 V
Max. continuous discharge current	500 mA
Pulse current capability (1 s)	2000 mA
Max. charge voltage	3.95 V
Max. charge current*	25 mA
Discharge end voltage	2.5 V
Cell impedance	max. 250 mΩ (@ 1 kHz, RT)
Operating temperature range	-40 °C ... +85 °C
Nominal energy	0.22 Wh
Weight	7.7 g

For more data please refer to page 36.

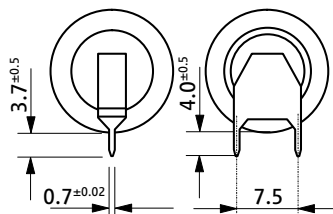
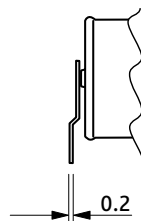
* if not charged by a primary cell



HLC-1520/S

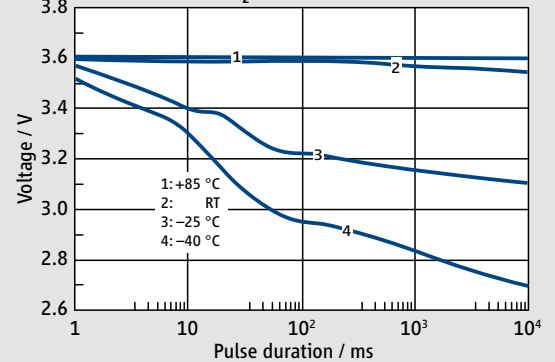


HLC-1520/T

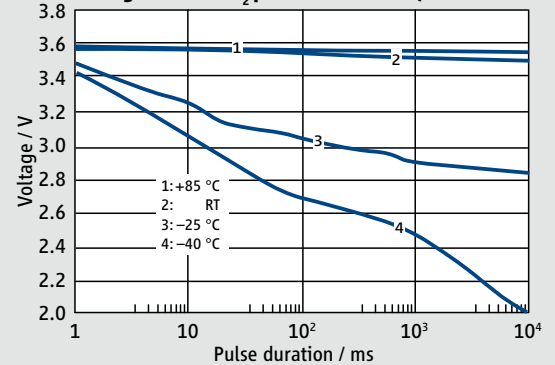


HLC-1520/TP

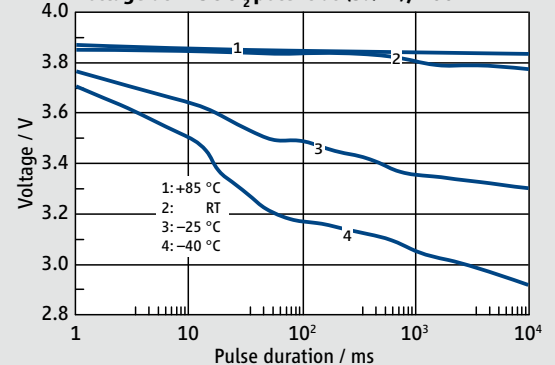
Voltage at Li/SOCl₂ potential (3.67 V), 200 mA



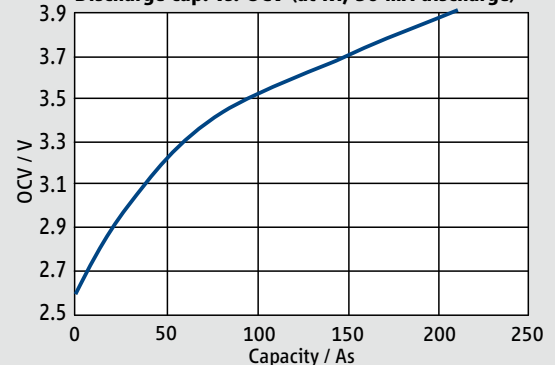
Voltage at Li/SOCl₂ potential (3.67 V), 350 mA



Voltage at Li/SOCl₂ potential (3.9 V), 200 mA



Discharge cap. vs. OCV (at RT, 50 mA discharge)



Available Terminations

Termination	Standard	Catalogue No.
HLC-1520A/S	Standard	13 0 11521 02
HLC-1520A/T	Tags	13 0 11522 02
HLC-1520A/TP	Polarized tags	13 0 11527 02

CAUTION:
Fire, explosion,
and severe burn hazard.
Do not disassemble, heat
above 100 °C, or incinerate.

Use as part of *PulsesPlus™*
battery only. Do not
charge above 3.95 V.